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<b>(21) International Application Number:</b> PCT/AU00/00366 <b>(22) International Filing Date:</b> 20 April 2000 (20.04.00) <b>(30) Priority Data:</b> PP 9893 22 April 1999 (22.04.99) AU <b>(71) Applicant (for all designated States except US):</b> VINPAC INTERNATIONAL PTY LTD [AU/AU]; Stockwell Road, Angaston, S.A. 5353 (AU). <b>(72) Inventors; and</b> <b>(75) Inventors/Applicants (for US only):</b> MACKIE, Phillip [AU/AU]; Stockwell Road, Angaston, S.A. 5353 (AU). LANGE, Darren [AU/AU]; Stockwell Road, Angaston, S.A. 5353 (AU). JOHNSON, Russell [AU/AU]; Stockwell Road, Angaston, S.A. 5353 (AU). BRITCHER, Leanne [AU/AU]; University of South Australia, The Levels Campus, Mawson Lakes Boulevard, Mawson Lakes, S.A. 5095 (AU). MATISONS, Janis [AU/AU]; University of South Australia, The Levels Campus, Mawson Lakes Boulevard, Mawson Lakes, S.A. 5095 (AU). WILKS, Terry [AU/AU]; University of South Australia, The Levels Campus, Mawson Lakes Boulevard, Mawson Lakes, S.A. 5095 (AU). MA, Rosalind [AU/AU]; University of South Australia, The Levels Campus, Mawson Lakes Boulevard, Mawson Lakes, S.A. 5095 (AU).		S.A. 5095 (AU). FRANSON, Mark [AU/AU]; University of South Australia, The Levels Campus, Mawson Lakes Boulevard, Mawson Lakes, S.A. 5095 (AU). <b>(74) Agent:</b> MADDERNS; Level 1, 64 Hindmarsh Square, Adelaide, S.A. 5000 (AU). <b>(81) Designated States:</b> AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).  <b>Published</b> <i>With international search report.</i>
<b>(54) Title:</b> TREATED CLOSURES 2  <b>(57) Abstract</b>  In a first aspect, the present invention provides a method for producing a coating or diffusion layer on a substrate (e.g. a cork) for use in contact with a food product or beverage, said coating or diffusion layer preventing or inhibiting passage therethrough (e.g. from a cork to an alcoholic beverage) of flavour-active or odour-active compounds (commonly known as cork taint), and said method comprising applying to the surface of said substrate an effective amount of a reactive polymer, said reactive polymer being a polymeric material comprising first functional groups which react with at least one flavour-active or odour-active taint compound and second functional groups (which may be the same as or different from said first functional groups) which react with said substrate. In a second aspect, the present invention provides a coated substrate, and in particular a coated natural or synthetic cork, produced according to that method.		

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